

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
06618-503001SERIAL NO.
607226,377

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

AUG 07 2001

APPLICANT:
Divsalar, D., et al.

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FILING DATE
8/18/2000GROUP
APR 11 2002 2133

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

Technology Center 2100

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
AB					

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

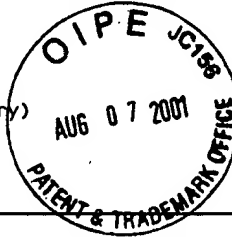
SHB	AC	Divsalar, D., et al. Multiple Turbo Codes for Deep-Space Communications , The Telecommunications and Data Acquisition Progress Report 42-121 for NASA and California Institute of Technology Jet Propulsion Laboratory, Joseph H. Yuen, ed.,pp. 60-77, May 15, 1995.
SHB	AD	Divsalar, D., et al. On the Design of Turbo Codes , The Telecommunications and Data Acquisition Progress Report 42-123 for NASA and California Institute of Technology Jet Propulsion Laboratory, Joseph H. Yuen, ed.,pp. 99-121, November 15, 1995.
SHB	AE	Divsalar, D., et al., Low-Rate Turbo Codes for Deep Space Communications , Proceedings from the 1995 IEEE International Symposium on Information Theory, Whistler, British Columbia, Canada, pp. 35, September 17-22, 1995.
SHB	AF	Benedetto, S., et al., Bandwidth efficient parallel concatenated coding schemes , Electronics Letters, Vol. 31, No. 24, pp. 2067-2069, November 23, 1995.
SHB	AG	Divsalar, D., et al., Turbo Codes for PCS Applications , IEEE ICC 95, Seattle, WA, pp. 54-59, June 1995.
SHB	AH	Divsalar, D., et al., Multiple Turbo Codes , MILCOM 95, San Diego, CA, pp. 279-285, November 5-6, 1995.
SHB	AI	Benedetto, S., et al. Soft-Output Decoding Algorithms in Iterative Decoding of Turbo Codes , The Telecommunications and Data Acquisition Progress Report 42-124 for NASA and California Institute of Technology Jet Propulsion Laboratory, Joseph H. Yuen, ed.,pp. 63-87, February 15, 1996.
SHB	AJ	Divsalar, D., et al., Effective free distance of turbo codes , Electronic Letters, Vol. 32, No. 5, pp. 445-446, February 29, 1996.
SHB	AK	Benedetto, S., et al. Serial Concatenation of Interleaved Codes: Performance Analysis, Design, and Iterative Decoding , The Telecommunications and Data Acquisition Progress Report 42-126 for NASA and California Institute of Technology Jet Propulsion Laboratory, Joseph H. Yuen, ed.,pp. 1-26, August 15, 1996.
SHB	AL	Benedetto, S., et al. A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes , The Telecommunications and Data Acquisition Progress Report 42-127 for NASA and California Institute of Technology Jet Propulsion Laboratory, Joseph H. Yuen, ed.,pp. 1-20, November 15, 1996.
SHB	AM	Benedetto, S., et al., Parallel Concatenated Trellis Coded Modulation , ICC 96, pp. 974-978, June 1996.
SHB	AN	Benedetto, S., et al., A Soft-Input Soft-Output APP Module for Iterative Decoding of Concatenated Codes , IEEE Communication Letters, Vol. 1, No. 1, pp. 22-24, January 1997.

EXAMINER *Stephen M. Baker*

DATE CONSIDERED

9/3/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SLS	AQ	Divsalar, D., et al., Hybrid Concatenated Codes and Iterative Decoding, Proceedings from the IEEE 1997 International Symposium on Information Theory, Ulm, Germany, p. 10, June 29-July 4, 1997.						
SLS	AR	Benedetto, S., et al., Serial Concatenation of interleaved codes: performance analysis, design, and iterative decoding, Proceedings from the IEEE 1997 International Symposium on Information Theory, Ulm, Germany, p. 106, June 29-July 4, 1997.						
SLS	As	Benedetto, S., et al., Serial Concatenated Trellis Coded Modulation with Iterative Decoding, Proceedings from the IEEE 1997 International Symposium on Information Theory, Ulm, Germany, p. 8, June 29-July 4, 1997.						
SLS	At	Benedetto, S., et al., Design of Serially Concatenated Interleaved Codes, ICC 97, Montreal, Canada, pp. 710-714, June 1997.						

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